## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS   | ID NO. | DATE       |
|---------------------------|------------|--------|------------|
| FEE DETERMINATION         |            |        |            |
| O.I.P.E. CLASSIFIER       |            | 8      | 03/14/01   |
| FORMALITY REVIEW          | Cif.       | 976    | . 03-15-01 |
| RESPONSE FORMALITY REVIEW | <b>ム</b> K | 835    | 05/21/01   |
|                           |            |        | _          |

INDEX OF CLAIMS

Best Available Copy

| ✓ Rejected                   | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| — (Through numeral) Canceled | A Appeal      |
| ÷Restricted                  | O Objected    |

| Claim A A |            |            |              |           |          |          | ÷  |              |  |              |          |          |          | Restricted |               |          |  |          |                |            | 0                |                |  |          |  |  |
|-----------|------------|------------|--------------|-----------|----------|----------|--|--------------|--|--------------|----------|----------|----------|------------|---------------|----------|--|----------|----------------|------------|------------------|----------------|--|----------|--|--|
| Cla       | im         | <u>· 2</u> | 7            | 7         | •        |          | Date   | 3            |  |              |          | П        | િ        | laim       | •             |          |  |          | Dat            | Θ          |                  |                |  |          |  |  |
| Final     | Original C | 000        | 8            |           |          |          |  |              |  |              |          |          | legia    | قا         |               |          |  |          |                |            |                  |                |  |          |  |  |
| u.        | 8          | 1          | 1            | ╀         | +        | ┪        | $\dashv$   | -            |  | $\dashv$     | +        | $\dashv$ | 1        | 51         |               | -+       | $\dashv$   | ┪        | ᅥ              | $\dashv$   |                  | ᅥ              | 十  | _        |  |  |
|           | 4          | ľ.         | 1            | ╁         | +        | ϥ        | $\dashv$   | ┪            | $\dashv$   | $\dashv$     | +        | ┥        | -        | 52         |               | $\dashv$ | -  | $\dashv$ |                |            | _                | _              | 十  | _        |  |  |
|           | 3          | #          | Ħ            | t         | +        | 7        | -  | $\dashv$     | ┪  | $\dashv$     | +        | ᅥ        | -        | 53         |               | $\dashv$ | $\neg$   | - 1      | $\dashv$       | $\neg$     |                  | 寸              | $\dashv$   |          |  |  |
|           | 4          | Н          | ╁            | t         | +        | 1        | _  | ᅦ            | $\dashv$   | 十            | +        | ㅓ        |          | 54         | 1             | 寸        | ヿ  |          |                | $\neg$     |                  |                | ヿ゙   |          |  |  |
|           | 5          | IT         | 11           | T         | 1        | $\neg$   | ╛  | $\neg$       |  | $\neg$       | 7        |          |          | 55         | 3             |          | ٦  |          |                |            |                  |                |  |          |  |  |
|           | 6          | Ħ          | П            | T         | 1        | T        |  |              | $\neg$   | 寸            | T        | ٦        |          | 56         | 3             |          |  |          |                |            |                  |                | $\Box$   |          |  |  |
|           | 7          | П          | П            | Ī         | I        |          |  |              |  |              |          |          |          | 57         |               |          |  |          |                |            |                  |                | Ц  |          |  |  |
|           | В          | П          | П            | Ι         |          |          |  |              |  | $\Box$       |          |          |          | 58         | 3             |          | ᆜ  | _        |                |            |                  | _              | $\dashv$   |          |  |  |
|           | 9          | Ш          | П            | L         |          |          |  |              |  | _            | $\perp$  | ᆸ        | L        | 59         | $\rightarrow$ | _        | _  |          |                |            |                  |                | $\dashv$   |          |  |  |
|           | 10         |            | V            | 1         | 4        | ┙        |  | _2           |  | 4            | _        | _        | L        | 60         |               |          |  |          | _              |            |                  | Ш              | $\dashv$   |          |  |  |
|           | 11         | _          | ↓_           | ↓         | 4        | _        |  | 1            |  | _            | _        | 4        | L        | 6          |               |          | _  |          |                |            |                  |                | $\dashv$   |          |  |  |
|           | 12         | _          | $\perp$      | ╀         | 4        | _        | _  | _            | Ц  | _            | 4        | 4        | <br> -   | 62         |               | -        |  | $\dashv$ | Щ              |            |                  |                |  |          |  |  |
|           | 13         | -          | ↓            | 1         | 4        | 4        | _  | _            | $\dashv$   |              | -        |          | -        | 64         |               | $\dashv$ |  |          | $\dashv$       | _          | _                | -              | $\vdash$   |          |  |  |
|           | 14         | -          | ╁-           | +         | 4        | _        |  | Ш            | 1  |              | -        |          | -        | 65         |               |          | -  |          |                |            | -                | _              |  |          |  |  |
|           | 15         | -          | ┿            | ╀         | +        | $\dashv$ | _  |              | $\dashv$   | -            | -        | $\dashv$ | ⊢        | 66         | $\rightarrow$ | Н        | $\dashv$   | -        |                |            |                  | -              | $\dashv$   | _        |  |  |
|           | 16<br>17   | ╁          | ╁            | ╁         | $\dashv$ | $\dashv$ | _  | -            | $\vdash$   | $\dashv$     | ┪        | ᅱ        | $\vdash$ | 67         |               | Н        | $\dashv$   | _        | _              | -          | $\vdash$         | Н              | 一  |          |  |  |
| _         | 18         | ╁          | ╁            | $^{+}$    | +        | $\dashv$ | _  |              | $\vdash$   |              | +        | ᅥ        | <br> -   | 68         |               | $\vdash$ | -  |          |                | _          | -                | -              | Н  | _        |  |  |
|           | 19         | -          | +-           | +         | +        | $\neg$   | _  | ┝            | Н  | -            | $\dashv$ |          | $\vdash$ | 69         |               | т        | _  |          |                | ┢          | $\vdash$         | _              | Н  |          |  |  |
| -         | 20         |            | ╁            | +         | $\dashv$ | $\dashv$ |  | -            | H  | ┪            | +        | ㅓ        | -        | 70         |               | H        | $\neg$   |          |                | -          | <del>  -  </del> |                | П  |          |  |  |
|           | 21         | 4-         | +            | ╁         | ┥        |          |  |              | $\vdash$   | -            | $\dashv$ |          | -        | 7          | +             | -        | _  |          | -              | ╌          | _                | _              | Н  |          |  |  |
| -         | 22         |            | ┿            | +         | +        | -        |  | ┢            | $\vdash$   | 一            |          | $\dashv$ | <u> </u> | 72         | $\overline{}$ |          | _  |          | -              | ┢          |                  |                |  | _        |  |  |
| $\vdash$  | 23         |            | ╁            | +         | ┪        |          |  | -            | Н  | $\dashv$     | _        | ⊣        |          | 7          | _             | $\vdash$ | _  | -        | -              | -          | 1                | <u> </u>       | П  | _        |  |  |
| $\vdash$  | 24         |            | ╁            | †         | ┪        |          |  | $\vdash$     | П  |              | $\dashv$ |          |          | 7.         | 4             |          |  |          |                | T          | T                | $\vdash$       | П  |          |  |  |
| ┢         | 25         | ;          | $^{\dagger}$ | †         | ╗        |          |  | ┪            | П  |              |          |          |          | 7          | 5             |          |  |          |                | Г          |                  |                |  |          |  |  |
|           | 26         |            | 1            | Ť         |          |          |  |              | П  |              | コ        |          |          | 70         | 5             |          |  |          |                |            |                  |                |  |          |  |  |
|           | 27         | '          | 1            | T         | $\neg$   |          |  |              |  |              |          |          |          | 7          | 7             |          |  |          |                |            |                  | L              | Ш  |          |  |  |
|           | 28         |            | Τ            |           |          |          |  |              |  |              |          |          |          | 71         |               | L        | L  |          | _              | L          | <u> </u>         | <u> </u>       | Ш  | L        |  |  |
|           | 29         |            |              |           |          |          |  | L            |  |              |          |          | L        | 7          |               | _        |  | L        |                | L          | ┖                | <u> </u>       | L  | _        |  |  |
| L         | 30         |            | $\perp$      | 1         |          |          | _  | <u> </u>     |  |              |          | _        | <u> </u> | 8          | →—            | ļ        |  | <u> </u> | ļ              | <u> </u>   | ┞.               | <del> </del>   | Ш  | _        |  |  |
| _         | 3,         | -          | 1            | 4         | _        |          |  | ┞-           | L  | Ш            | Щ        |          |          | 8          | $\overline{}$ | ┡        | ļ  | <u> </u> | <b> </b>       | ├-         | ╁                | <b>├</b>       | -  | -        |  |  |
| <u> </u>  | 32         |            | 4            | 4         | _        |          | <u> </u>   | <del> </del> | _  | $oxed{oxed}$ |          | _        | -        | 8          |               | ₩        | <u> </u>   |          | <del> </del> — | -          | <del> </del>     | <del> </del> — |  |          |  |  |
| <u> </u>  | 33         | -          | +            | 4         |          | 1        | -  | $\vdash$     | -  | <u> </u>     | $\sqcup$ | <u> </u> | -        | 8          | _             | ├        | ⊢  | -        | ├-             | ╀          | ┼                |                | <del>                                     </del> | -        |  |  |
| -         | 34         | →-         | +            | 4         |          | Ļ        | -  | ├-           | -  |              | Н        | <u> </u> | -        | 8          |               | ╁        | -  | -        | $\vdash$       | +          | +                | +              | $\vdash$   | _        |  |  |
| ⊢         | 36         |            | +            | +         |          |          | ⊢  | ┢            | ├  | $\vdash$     | Н        | _        | -        | 8          |               | ╁┈       | -  | -        | ╁              | ╁╌         | ╁                | ╁              | ┼─   | ┢        |  |  |
| ⊢         | 3          | -          |              | +         |          |          | ╢  | ╂─           | ╁  | $\vdash$     | Н        | -        | -        | 8          |               | $\vdash$ | -  | ╁        | ✝              | ╁╌         | ╅╌               | ⇈              | 十  | ┢        |  |  |
| ┝         | 38         |            | +            | +         | _        | -        | -  | ┥            | $\vdash$   | -            | H        | -        | 1        | 8          |               | +-       | -  | ┢        | ✝╌             | $\vdash$   | †                | 1              | ✝  | $\vdash$ |  |  |
| ┢         | 38         | -          | +            | +         | _        | -        | ╌  | ╁╌           | 十  |              | -        |          | \        |            | 9             | t        | <del>                                     </del> | ✝        | 1              | 1          | 1                | 1-             | 1  | ⇈        |  |  |
| Н         | 40         | _          | $\dagger$    | †         | _        | -        | ┪  | 1            | <del>                                     </del> | П            | $\vdash$ | $\vdash$ | 1 h      |            | 0             | T        | 1  | 1        | T              | 1          | T                | 1              |  | Γ        |  |  |
| $\vdash$  | 4          | -          | +            | $\dagger$ |          | -        | -  | $\vdash$     | $t^-$  | -            | -        | $\vdash$ | 1        | 9          | <del></del>   | $\vdash$ | 1  | T        | T              | T          | T                | 1              | 1  | Γ        |  |  |
| $\vdash$  | 42         |            | +            | +         |          | -        | <del>                                     </del> | $t^-$        | $\vdash$   | $\vdash$     | -        | $\vdash$ | 1        |            | 2             | T        | <del> </del>                                     | İΤ       | $t^{-}$        | 1          | 1-               | 1              | 1  | 1        |  |  |
| $\vdash$  | 4          |            | $\dagger$    | +         | _        |          | <del>                                     </del> | ✝            | 1-   | $\vdash$     | <u> </u> | $\vdash$ | 1        |            | 3             | 1-       | 1  | 1        | 1              | 1          | 1-               | 1-             | 1  | 1        |  |  |
| $\vdash$  | 4          | -          | +            | +         |          | <u> </u> | <del>                                     </del> | T            | 1  | Г            | Г        |          | 1        |            | 14            | 1        | 1  |          | 1              |            | 1                | Τ              | 1  | Γ        |  |  |
| $\vdash$  | 4          |            | +            | +         |          | Ι-       | 1  | $\vdash$     | 1  | $\vdash$     | Г        | T        | 1        |            | 5             | T        | 1  | Γ        | Ι              |            | 1                | Γ              | 1  | Γ        |  |  |
| Г         | 4          | _          | $\top$       | 1         |          | Γ        | Γ  |              | Ī  | Г            |          |          | ] [      | 8          | 6             | Γ        |  |          |                |            |                  |                |  | Ĺ        |  |  |
| Γ         | 4          | 7          | 1            | 7         |          |          |  |              | Γ  | Γ            |          |          | ] [      |            | 7             |          |  |          |                | Ĺ          |                  | $\perp$        | 1_   | L        |  |  |
|           | 4          |            |              | ]         | _        | L        |  |              |  |              | $\Box$   |          | ] [      |            | 8             |          | Ĺ  |          | Ļ              | <u> </u> _ | 4_               | 1              | 1_   | 1        |  |  |
| 1         | 1          | எட்        |              | 7         |          | 1        | 1  | 1            | 1  | 1            | 1        | 1        | ıl       | 15         | 19            | 1        | 1  | 1        | 1              | 1          | 1                | 1              | ı  | 1        |  |  |

| le    | im         |           |  |           |              | (      | Date           | 9        | _       |          |              |                    |          |
|-------|------------|-----------|--|-----------|--------------|--------|----------------|----------|---------|----------|--------------|--------------------|----------|
| rinai | Original   |           |  |           |              |        |                |          |         |          |              |                    |          |
|       | 101        |           |  |           | Г            | 1      | _              |          |         |          |              |                    |          |
|       | 102        |           |  |           |              |        |                |          |         |          |              |                    |          |
|       | 103        |           |  |           |              |        |                |          |         |          |              |                    | ╛        |
| _     | 104        |           |  |           | L            | 1      |                |          |         | L        | 4            | 4                  |          |
|       | 105        | _         | _                                      |           | L            | 4      | _              |          | L       | <u> </u> | 4            | 4                  | 4        |
| _     | 106        |           | _                                      | <u> </u>  | Ļ            | 4      | 4              |          | _       | ₋        | +            | 4                  | 4        |
| _     | 107        | <u> </u>  | _                                      |           | ╀            | +      | _              |          | ┞       | ┼-       | ╁            | +                  | ᅱ        |
|       | 108        | -         | $\vdash$                               | ⊢         | ┝            | -+     |                |          | -       | ┿        | ╁            | ╁                  | ᅫ        |
|       | 109<br>110 | -         | ┝                                      | -         | ╀            | +      | -              | _        | ┝       | ╁╌       | ╁            | +                  | $\dashv$ |
|       | 111        | $\vdash$  | ┝                                      | -         | t            | +      | -              |          | ┢       | ╁        | 十            | +                  | ┪        |
| _     | 112        | ┝         | $\vdash$                               | -         | ╁            | +      |                | -        | ┢       | ╁╴       | $^{\dagger}$ | $\dagger$          | ᅥ        |
|       | 113        |           | _                                      | T         | †            | 7      |                | $\vdash$ | 1       | T        | +            | +                  | ┪        |
| -     | 114        |           |  | ✝         | T            | 7      |                |          | 1-      | 1        | $\dagger$    | 1                  |          |
|       | 115        |           |  |           | 1            | 1      |                | <u> </u> |         | Ι        | Ī            |                    |          |
| _     | 116        |           |  |           | Γ            |        |                |          |         | Ι        | I            |                    |          |
| _     | 117        |           |  |           | Ι            |        |                |          |         | L        | $\rfloor$    |                    |          |
|       | 118        |           |  |           | I            | Ī      |                |          | L       | Ţ        | $\perp$      | $oldsymbol{\perp}$ |          |
|       | 119        | -         |  |           | Ī            | $\Box$ |                | Ĺ        | L       | L        | $\perp$      | _                  |          |
|       | 120        |           | Ĺ                                      | L         |              |        | •              | L        |         | L        |              |                    |          |
|       | 121        |           |  |           | Ι            |        |                |          |         | Ι        | Ι            |                    |          |
|       | 122        | -         |  |           | I            |        |                | L        |         | L        | 1            | _                  |          |
|       | 123        |           |  | L         | 1            |        |                | L        | $\perp$ | 1        | _ _          | 4                  |          |
|       | 124        | 4         | _                                      | _         | 1            |        |                | <u> </u> | _       | 1        | 4            | _                  |          |
| _     | 125        | -         | <u> </u> _                             | ļ_        | ↓.           | _      | _              | L        | 1_      | 4_       | 4.           | 4                  |          |
|       | 126        |           | -                                      | 1         | 1            | _      |                | Ļ        | ╁       | 4        | 4            |                    |          |
|       | 127        | <u>' </u> | ₽                                      | ╀         | +            | _      | _              | ┡        | ┼-      | ╀        | +            |                    |          |
|       | 120        |           | ╀                                      | ┼-        | +            | _      | <u> </u>       | ├        | ╀       | +        | +            | -                  |          |
|       | 129        |           | ╀                                      | +         | +            | _      | ┝              | ┼-       | ╁       | +        | $\dashv$     | $\dashv$           |          |
|       |            |           | ╁                                      | ┼         | +            | _      | -              | ┼        | ╁       | +-       | +            | ᅱ                  |          |
| -     | 13         | -         | ╁                                      | ╁╌        | ╁            |        | -              | ╁╌       | 十       | ╁        | $\dashv$     | -                  | _        |
|       | 13         |           | ┨                                      | ╅╴        | ╁            |        | -              | ╁        | ╁       | +-       | +            | ᅱ                  | _        |
|       | 13         |           | +                                      | +         | +            |        | -              | ┪        | †-      | -        | +            | -                  |          |
| _     | 13         |           | †                                      | ╁         | +            | _      | $\vdash$       | 十        | +       | +        | 7            |                    | _        |
|       | 13         | 6         | T                                      | $\dagger$ | †            | -      | T              | 1        | $\top$  | +        | 7            |                    |          |
|       | 13         |           | †                                      | 1         | 1            |        |                | 1        | T       | 1        | 1            |                    |          |
|       | 13         | В         | 1                                      | 1         | 1            |        |                | Ι        | I       |          |              |                    |          |
|       | 13         |           | I                                      | I         |              |        |                |          | Ι       | _[_      |              |                    |          |
|       | 14         |           | Ι                                      | $\prod$   | _[           | _      | $L^{-}$        |          |         | $\prod$  |              | _                  |          |
|       | 14         |           | Ι                                      | Ι         | Ţ            |        | Γ              | Ι        | Ι       | floor    |              |                    |          |
| _     | 14         | 2         |  | Γ         | ]            |        |                |          | $\perp$ |          |              |                    |          |
|       | 14         |           |  |           |              | _      |                |          | $\perp$ |          |              | _                  | _        |
|       | 14         | 4         |  | L         |              |        | <u> </u>       |          |         | _ _      | ]            |                    | _        |
|       | 14         |           | L                                      | ľ         | 1            |        | L              | $\perp$  | 1       | _        | _            |                    | L        |
| _     | 14         | 6         | L                                      | $\perp$   | $\downarrow$ | _      | L              | 1_       | $\perp$ | _        | _            |                    | L        |
|       | 14         | 1         | 4_                                     | 4         | 4            | _      | L              | 4_       | 1       | _ _      | 4            |                    | 1_       |
|       | 14         | 8         | 4-                                     | 4_        | 4            |        | <del> </del> _ | 1        | 4-      | -        | 4            |                    | <u> </u> |
| _     | 14         | 9         | +                                      | +         | 4            |        | ┼-             | +        | +       | 4        | 4            | _                  | -        |
|       | 15         | 4_        | _ـــــــــــــــــــــــــــــــــــــ |           | _            |        | _              | ⊥_       |         |          |              |                    | 1        |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)